

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/013941 A1

(51) International Patent Classification⁷: **A61K 9/48**

(21) International Application Number:
PCT/EP2004/051693

(22) International Filing Date: 3 August 2004 (03.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI2003A001617 6 August 2003 (06.08.2003) IT

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: POLYSACCHARIDE DOUBLE-LAYER MICROCAPSULES AS CARRIERS FOR BIOLOGICALLY ACTIVE SUB-
STANCE ORAL ADMINISTRATION

(57) Abstract: The present invention relates to microcapsules with a double-layer of natural polysaccharides - chitosan and alginate - gelified and stabilized by means of a divalent ion containing inside at least one biologically active substance. The microcapsules of the invention can be employed as carriers for the oral administration of biologically active substances, also associated with an adjuvant of the biological response of the same, administered for a preventive or therapeutic purpose. These substances can be chosen, for example, from antigens and adjuvants, suitable for immune response stimulation against infective and non-infective agents, or from chemotherapeutics and adjuvants with therapeutic type effects. According to the type of biologically active substance encapsulated in the microcapsules, there can be a variety of uses for oral vaccination or therapy in the human and veterinary field.



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